1 **IN THE CLAIMS:**

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3 **Listing of Claims:**

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5   1.   (Currently amended) A client-side caching system, comprising:

6   a client for issuing a request based on user selection for a resource on a server;

7 and

8   a server for sending a response including a cookie and <u>a client-side</u> script <u>to the</u>

9 <u>client</u>, wherein the cookie value represents the last version of the resource, and the

10 <u>client-side</u> script appends the cookie <u>value</u> to the request for a resource and the client

11 automatically requests the resource with the appended cookie value so that if the most

12 recent version of the resource is in the client cache, the resource is retrieved from client

13 cache rather than from the server, and if not, is retrieved from the server.

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15   2.   (Original) The client-side caching system of claim 1, wherein the resource

16 is a web page, the resource is located at a URL, and the client is a web browser with a

17 browser cache.

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19   3.   (Currently amended) The client-side caching system of claim 1, wherein

20 the response includes a non-displayed relatively small page and the cookie is in a

21 response header and the <u>client-side</u> script is in the entity body of the response.

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23   4.   (Currently amended) The client-side caching system of claim 1, wherein

24 the <u>client-side</u> script that appends the cookie <u>value</u> to the request is embedded in a

25 displayed page.

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1   5.   (Currently amended) A server for a client-side caching system,

2   comprising:

3   a server for receiving a client request for a resource, updating a database,

4   creating and inserting a cookie and a client-side script in a response to the client,

5   wherein the cookie value represents the last version of the resource, the client-side

6   script appends the cookie value to the request for a resource such that the client

7   automatically re-requests the resource with the appended cookie value so that if the

8   most recent version of the resource is in the client cache, the resource is retrieved from

9   client cache rather than from the server, and if not, the resource is retrieved from the

10   server.

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12   6.   (Currently amended) The server of claim [3] 5, wherein the server includes

13   a web server for listening to client requests, the resource is a web page, and an

14   application server for creating the cookie and inserting the cookie into a response

15   header and inserting the client-side script into the entity body of the response.

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17   7.   (Currently amended) A server-side caching system, comprising:

18   a server programmed for receiving client requests, updating a database, and

19   generating a response and determining a cookie value for cache control The server of

20   claim 6, wherein the server sets the cookie value by determining the last modified time

21   of each web page in the same class as the web page which is the subject of the

22   request, and sets the cookie value to the maximum value of the last modified times.

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24   8.   (New) The client-side caching system of claim 2, wherein the server sets

25   the cookie value by determining the last modified time of each web page in the same

26   class as the web page which is the subject of the request, and sets the cookie value to

27   the maximum value of the last modified times.

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1   9.   (New) A client-side caching system, comprising:

2   a client for issuing a request based on a user selection for a resource stored on

3 a server and for receiving a server response including a cache control object and a

4 client-side script, wherein the cache control object represents the correct version of the

5 resource, the client-side script appends the cache control object value to the request for

6 the resource, and the client automatically re-requests the resource with the appended

7 cache control object value so that if the correct version of the resource is in the client

8 cache, the resource is retrieved from the client cache rather than from the server, and if

9 not, the resource is retrieved from the server.

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11   10.   (New) The client-side caching system of claim 9, wherein the resource is a

12 web page located at a URL, the correct version is the last version of the resource, and

13 the client is a web browser with a browser cache.

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15   11.   (New) The client-side caching system of claim 10, wherein the request

16 and the response are HTTP compliant, the response is a relatively small non-displayed

17 page, the cache control object is a cookie in a response header, and the client-side

18 script is in the entity body of the response.

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20   12.   (New) The client-side caching system of claim 9, wherein the client-side

21 script that appends the cache control object to the request is embedded in a displayed

22 page.

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24   13.   (New) The client-side caching system of claim 9, wherein Internet

25 protocols define communication between the client and the server, and the correct

26 version is the last version of the resource.

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1   14.   (New) The client-side caching system of claim 11, wherein the server sets
2   the cookie value by determining the last modified time of each page in the same class
3   as the page which is the subject of the request, and sets the cookie value to the
4   maximum value of the last modified times.

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6   15.   (New) A method of client-side caching in a server, comprising:
7   receiving a client request for a web page; and
8   inserting a cookie and a client-side script in response to the client request,
9   wherein the cookie value represents the last version of the web page, wherein the
10   client-side script appends the cookie value to the client request for the web page such
11   that the client automatically re-requests the web page with the appended cookie value
12   so that if the most recent version of the web page is in the client cache, the web page is
13   retrieved from client cache rather than from the server, and if not, the web page is
14   retrieved from the server.

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16   16.   (New) The method of claim 15, further comprising determining the last
17   modified time of each web page in the same class as the web page which is the subject
18   of the request, and setting the cookie value to the maximum value of the last modified
19   times.

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21   17.   (New) The method of claim 15, further comprising:
22   reviewing the extension of the requested web page to determine run time
     environment;
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24   loading the run time environment; and
25   updating a database with information from the client request.

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1   18.   (New) A method of client-side caching in a browser, comprising:

2   presenting a user selection for a web page at a URL; and

3   receiving a server response including a cookie and client-side script, wherein the

4   cookie value represents the most recent version of the web page, the client-side script

5   appends the cookie value to the URL and automatically re-requests the web page with a

6   rewritten URL of the URL with the appended cookie value so that if the most recent

7   version of the web page is in the browser cache, the web page is retrieved from the

8   browser cache, and if not, the resource is retrieved from the server.

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